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2.20.35.20. Meson Production

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2.30. EXPERIMENTS ON PROPERTIES OF SPECIFIC PARTICLES AND RESONANCES, AND STATUS OF FUNDAMENTAL LAWS

2.30.20. Mesons and Meson Resonances

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2.60. NUCLEAR REACTIONS AND SCATTERING

2.60.10. Nuclear Reactions and Scattering in General

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2.60.40. Nucleon–Induced Reactions and Scattering ($A \geq 5$)

2.60.40.20. Elastic Proton Scattering

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2.60.40.90. Other Topics in Nucleon–Induced Reactions

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2.60.70. Meson– and Hyperon–Induced Reactions and Scattering ($A \geq 5$)

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2.80. NUCLEAR ENGINEERING AND NUCLEAR POWER STUDIES

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2.90. EXPERIMENTAL METHODS AND INSTRUMENTATION FOR ELEMENTARY PARTICLE AND NUCLEAR PHYSICS

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3.10. ATOMS

3.10.30. Resonances, Fluorescence and Excitations

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3.10.40. Ionization, Continuum Spectra and Atom–Electron Affinity

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3.20. MOLECULES

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4.20.35. Thermodynamic Properties of Fluids

4.20.35.30. Critical-Point Phenomena

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4.30.20. Basic Properties of Plasmas

4.30.20.60. Emission, Absorption and Scattering of Radiation

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4.30.30.20. Plasma Heating

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4.30.40.30. Beams

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4.30.60. Plasma Equilibria and Confinement

4.30.60.10. General Theory and Design Techniques

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4.35. QUANTUM FLUIDS

4.35.20. Statistical Properties of Quantum Fluids

4.35.20.20. Boson Systems

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5.15. LATTICE DYNAMICS

5.15.20. Phonons and Vibrations in Crystal Lattices

5.15.20.60. Phonon–Electron Interactions

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5.20.10. General Band–Theory Models and Computational Techniques

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5.20.20. Energy Band Structure and Fermi Surfaces of Specific Types of Materials

5.20.20.15. Metals and Semimetals

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5.25.30. Plasticity

5.25.30.10. General Theory and Measurements

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5.30.40.40. Phases: Existence, Phase Diagrams, etc.

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5.35. TRANSPORT PHENOMENA

5.35.20. Carrier Properties

5.35.20.50. Scattering, Mobility, Effective Mass and Mean Free Path

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5.35.30. Electronic Conduction in Metals and Alloys

5.35.30.40. Magnetoelectric and Other Magnetotransport Effects

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5.45. SUPERCONDUCTIVITY

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5.50. MAGNETIC PROPERTIES OF SOLIDS

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5.70.30. Mössbauer Effect

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5.80. PHYSICS OF SURFACES, THIN FILMS, INTERFACES AND SMALL PARTICLES

5.80.25. Impact Phenomena of Surfaces

5.80.25.20. Laser Impact Phenomena

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5.80.45.80. Superconducting Tunnel and Weak-Link Junctions

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6.20.70. Electron Beam Devices

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6.30. OPTICS

6.30.45. Quantum Optics

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6.30.50. Lasers and Masers

6.30.50.10. General Theory and Experiments on Laser and Maser Action

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6.30.60.40. Beam Trapping and Related Effects

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6.30.75. Holography

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